

PBL Scenario Challenge

In your group review the examples of PBL scenarios below. Create your own open-ended scenario that can be used with your students.

No more than 5 sentences

No more than 15 minutes

Example PBL Scenarios

1. You are a scientist at the state department of nuclear safety. Some people in a small community feel their health is at risk because a company keeps thorium piled above ground at one of their plants. What action, if any, should be taken?
2. You are a consultant to the Department of Fish and Wildlife. A first draft of a plan for the reintroduction of wolves to Yellowstone has received strong, negative testimony at hearings. What is your advice regarding the plan?
3. You are a science advisor at NASA. A planet much like the earth has experienced massive destruction of elements of its biosphere. What is causing the destruction of plant life? Can new plants from earth be successfully introduced to help save the planet's environment?
4. As a representative of Acme Travel in NJ, you have just received an email from National Travel Magazine. One of their reporters is coming into the state next month and wants to visit three of the "best" state parks in NJ. They will only be in the state for three days. Develop a plan for the reporter to use once he arrives at AC airport.
5. You are the curator for the Philadelphia Museum of Art. The National Treasure has just been found! Your job is to design a room in the museum that will display all of the artifacts. The area of the room is 450 square feet. What shape, length, and width should the room be? You need to present the floor plan model to the owners (teacher and class) of the museum by Friday. Your presentation can be in any format you would like to use.
6. The producers of "Extreme Makeover: Home Edition" are creating a new series entitled "Extreme Makeover: School Edition." Students from all over the country are being asked to

submit ideas and designs for the improvement of their school foyers/entryway. Your team's assignment is to design a new foyer for the school using pattern block tiles that will create a visually pleasing entrance. The designers of the show will choose that best design and use it to create the school's foyer.

7. You are a single working mother with a five-year old daughter. Upon your husband's death, you receive \$20,000 in worker's compensation and \$10,000 in stock option shares. How can you invest this money so that by your daughter's 18th birthday, its growth is maximized?
8. You are a stockholder of a major oil refinery in Louisiana, which has mined oil from wetlands in the southern part of the state. You have received pressure from publicity about the wetlands to make it property of the federal government so that it can be protected. What will you do?
9. Develop, design, and demonstrate the feasibility of a self-contained, self-sustaining human community in a place that is not yet considered habitable.

TEAM SCENARIO:
